

**Overall Revenue Requirement Summary  
For the Test Year Ended June 30, 2009**

Case No. WR-2010-XXXX  
Schedule CAS-2-WCW  
Page 1 of 1

Missouri Public Service Commission  
Company: Missouri-American Water Company  
District: Warren County Water

| Line No. | Description                       | Schedule       | Amount      |
|----------|-----------------------------------|----------------|-------------|
| 1        | Rate Base                         | CAS-3-WCW      | \$1,281,290 |
| 2        | Operating Income at Present Rates | CAS-8-WCW      | 23,728      |
| 3        | Earned Rate of return             |                | 1.85%       |
| 4        | Requested Rate of Return          | Chao Testimony | 8.91%       |
| 5        | Required Operating Income         |                | 114,163     |
| 6        | Operating Income Deficiency       |                | 90,435      |
| 7        | Gross Revenue Conversion Factor   |                | 1.63298     |
| 8        | Revenue Deficiency                |                | 147,679     |
| 9        | Adjusted Operating Revenues       | CAS-8-WCW      | 235,603     |
| 10       | Total Revenue Requirement         |                | \$383,282   |
| 11       | Gross Revenue Conversion Factor   |                | \$1,000,000 |
| 12       | Revenue                           |                | 6.063       |
| 13       | Uncollectibles                    |                | 0.60630%    |
| 14       | PSC Assessment                    |                | 0.00000%    |
| 15       | Before Tax Amount                 |                | 993,937     |
| 16       | State Income Taxes                |                | 51,817      |
| 17       | Federal Income Taxes              |                | 329,742     |
| 18       | Total Taxes and Expenses          |                | 387,622     |
| 19       | Net Amount                        |                | \$612,378   |
| 20       | Conversion Factor                 |                | 1.63298     |

**Rate Base Summary**  
**Test Year Ended June 30, 2009**

Missouri Public Service Commission  
 Company: Missouri-American Water Company  
 District: Warren County Water

Case No. WR-2010-XXXX  
 Schedule CAS-3-WCW  
 Page 1 of 1

| Line # | Rate Base Component                    | Supporting Reference | Per Books 06/30/09 | Adjustments    | Pro Forma Rate Base |
|--------|--|----------------------|--------------------|----------------|---------------------|
| 1      |  |                      |                    |                |                     |
| 2      |  |                      |                    |                |                     |
| 3      |  |                      |                    |                |                     |
| 4      |  |                      |                    |                |                     |
| 5      | Utility Plant in Service               | CAS-4-WCW            | 1,480,367          | 209,608        | 1,689,975           |
| 6      |  |                      |                    |                |                     |
| 7      | Accumulated Provision for Depreciation | CAS-5-WCW            | (238,206)          | (20,002)       | (258,208)           |
| 8      |  |                      |                    |                |                     |
| 9      | Accumulated Amortization               | W/P's                | 0                  | 0              | 0                   |
| 10     |  |                      |                    |                |                     |
| 11     | Utility Plant Acquisition Adjustments  | W/P's                | 0                  | 0              | 0                   |
| 12     |  |                      |                    |                |                     |
| 13     | Net Utility Plant                      |                      | <u>1,242,161</u>   | <u>189,606</u> | <u>1,431,767</u>    |
| 14     |  |                      |                    |                |                     |
| 15     |  |                      |                    |                |                     |
| 16     | Less:                                  |                      |                    |                |                     |
| 17     | Customer Advances                      | CAS-6-WCW            | 3,089              | 20,370         | 23,459              |
| 18     | Contributions in Aid of Construction   | CAS-6-WCW            | 16,089             | (4,324)        | 11,765              |
| 19     | Accumulated Deferred ITC (3%)          | W/P's                | 0                  | 0              | 0                   |
| 20     | Deferred Income Taxes                  | W/P's                | 105,988            | 7,076          | 113,064             |
| 21     | Pension Liability                      | W/P's                | 5,334              | (5)            | 5,329               |
| 22     |  |                      |                    |                |                     |
| 23     |  |                      |                    |                |                     |
| 24     | Subtotal                               |                      | <u>130,500</u>     | <u>23,117</u>  | <u>153,617</u>      |
| 25     |  |                      |                    |                |                     |
| 26     |  |                      |                    |                |                     |
| 27     | Add:                                   |                      |                    |                |                     |
| 28     | Cash Working Capital                   | CAS-7-WCW            | 0                  | 0              | 0                   |
| 29     | Materials and Supplies                 | W/P's                | 218                | 0              | 218                 |
| 30     | Prepayments                            | W/P's                | 1,338              | 0              | 1,338               |
| 31     | OPEB's Contributed to External Fund    | W/P's                | 0                  | 0              | 0                   |
| 32     | Pension/OPEB Tracker                   | W/P's                | 1,742              | (158)          | 1,584               |
| 33     | Regulatory Deferrals                   | W/P's                | 0                  | 0              | 0                   |
| 34     |  |                      |                    |                |                     |
| 35     | Subtotal                               |                      | <u>3,298</u>       | <u>(158)</u>   | <u>3,140</u>        |
| 36     |  |                      |                    |                |                     |
| 37     | Total Original Cost Rate Base          |                      | <u>1,114,959</u>   | <u>166,331</u> | <u>1,281,290</u>    |
| 38     |  |                      |                    |                |                     |
| 39     |  |                      |                    |                |                     |
| 40     |  |                      |                    |                |                     |

**Utility Plant in Service**  
**For the Test Year Ended June 30, 2009**

| Line # | Acct No | Account Description                                   | Per Books<br>06/30/09 | Pro Forma<br>Adjustments | Pro Forma<br>UPIS |
|--------|---------|---|-----------------------|--------------------------|-------------------|
| 1      |         | <u>Intangible Plant</u>                               |                       |                          |                   |
| 2      |         | Organization  | \$0                   | \$192                    | \$192             |
| 3      | 301     | Franchise & Consents                                  | 0                     | 0                        | 0                 |
| 4      | 302     | Miscellaneous Intangible Plant Studies                | 0                     | 2,328                    | 2,328             |
| 5      | 303     | Subtotal  | 0                     | 2,520                    | 2,520             |
| 6      |         | <u>Source of Supply Plant</u>                         |                       |                          |                   |
| 7      |         | Land & Land Rights                                    | 0                     | 0                        | 0                 |
| 8      | 310     | Structures & Improvements                             | 4,166                 | 0                        | 4,166             |
| 9      | 311     | Collection & Impound Reservoirs                       | 0                     | 0                        | 0                 |
| 10     | 312     | Lake, River, & Other Intakes                          | 0                     | 0                        | 0                 |
| 11     | 313     | Wells & Springs                                       | 725,966               | 0                        | 725,966           |
| 12     | 314     | Supply Mains  | 0                     | 0                        | 0                 |
| 13     | 316     | Subtotal  | 730,133               | 0                        | 730,133           |
| 14     |         | <u>Pumping Plant</u>                                  |                       |                          |                   |
| 15     |         | Pumping Land & Land Rights                            | 0                     | 0                        | 0                 |
| 16     | 320     | Pumping Structures & Improvements                     | 4,166                 | 0                        | 4,166             |
| 17     | 321     | Boiler Plant Equipment                                | 0                     | 0                        | 0                 |
| 18     | 322     | Force Mains   | 0                     | 0                        | 0                 |
| 19     | 323     | Steam Pumping Equipment                               | 0                     | 0                        | 0                 |
| 20     | 324     | Electric Pumping Equipment                            | 0                     | 0                        | 0                 |
| 21     | 325     | Diesel Pumping Equipment                              | 124,778               | 0                        | 124,778           |
| 22     | 326     | Pump Equip Hydraulic                                  | 0                     | 0                        | 0                 |
| 23     | 327     | Other Pumping Equipment                               | 0                     | 0                        | 0                 |
| 24     | 328     | Subtotal  | 128,945               | 0                        | 128,945           |
| 25     |         | <u>Treatment Plant</u>                                |                       |                          |                   |
| 26     |         | Water Treatment Land & land Rights                    | 0                     | 0                        | 0                 |
| 27     | 330     | Water Treatment Structures & Improvements             | 8,093                 | 51,178                   | 59,271            |
| 28     | 331     | Water Treatment Equipment                             | 20,791                | 0                        | 20,791            |
| 29     | 332     | Water Treatment Equipment - Filter Plant              | 0                     | 0                        | 0                 |
| 30     | 332.4   | Subtotal  | 28,884                | 51,178                   | 80,062            |
| 31     |         | <u>Transmission &amp; Distribution Plant</u>          |                       |                          |                   |
| 32     |         | Transmission & Distribution Land                      | 65,000                | (16)                     | 64,984            |
| 33     | 340     | Transmission & Distribution Structures & Improvements | 1,938                 | 5                        | 1,943             |
| 34     | 341     | Distribution Reservoirs & Standpipes                  | 7,291                 | 171                      | 7,462             |
| 35     | 342     | Transmission & Distribution Mains Conv                | 0                     | 124,730                  | 124,730           |
| 36     | 343     | Transmission & Distribution Mains < 4"                | 49,077                | 0                        | 49,077            |
| 37     | 343.1   | Transmission & Distribution Mains 6" - 8"             | 178,965               | 1,191                    | 180,156           |
| 38     | 343.2   | Transmission & Distribution Mains > 10"               | 0                     | 237                      | 237               |
| 39     | 343.3   | Subtotal  | 302,271               | 126,318                  | 428,589           |
| 40     |         |   |                       |                          |                   |

**Utility Plant in Service**  
For the Test Year Ended June 30, 2009

Missouri Public Service Commission  
 Company: Missouri-American Water Company  
 District: Warren County Water

Case No. WR-2010-XXXX  
 Schedule CAS-4-WCW  
 Page 2 of 2

| Line # | Acct No | Account Description                          | Bal Fwd | Per Books<br>06/30/09 | Pro Forma<br>Adjustments | Pro Forma<br>UPLS |
|--------|---------|--|---------|-----------------------|--------------------------|-------------------|
| 1      |         | <u>Transmission &amp; Distribution Plant</u> |         | 302,271               | 126,318                  | 428,589           |
| 2      | 344     | Fire mains                                   |         | 0                     | 0                        | 0                 |
| 3      | 345     | Services                                     |         | 94,100                | 10,015                   | 104,115           |
| 4      | 346.1   | Meters - Bronze Case                         |         | 48,194                | 2,207                    | 50,400            |
| 5      | 346.2   | Meters - Plastic Case                        |         | 0                     | 0                        | 0                 |
| 6      | 346.3   | Meters - Not Class By Type                   |         | 13,205                | 0                        | 13,205            |
| 7      | 347     | Meter Installation                           |         | 46,294                | 0                        | 46,294            |
| 8      | 348     | Hydrants                                     |         | 26,918                | 7,673                    | 34,591            |
| 9      | 349     | Other Transmission & Distribution Plant      |         | 0                     | 0                        | 0                 |
| 10     |         | Subtotal                                     |         | 530,981               | 146,213                  | 677,194           |
| 11     |         | <u>General Plant</u>                         |         |                       |                          |                   |
| 12     | 389     | General Land & Land Rights                   |         | 0                     | 0                        | 0                 |
| 13     | 390     | Stores Shops Equipment Structures            |         | 0                     | 98                       | 98                |
| 14     | 390.1   | Office Structures                            |         | 0                     | 0                        | 0                 |
| 15     | 390     | General Structures - HVAC                    |         | 0                     | 0                        | 0                 |
| 16     | 390.3   | Miscellaneous Structures                     |         | 10                    | 0                        | 10                |
| 17     | 391     | Office Furniture and Equipment               |         | 0                     | 139                      | 139               |
| 18     | 391.2   | Computers & Peripheral Equipment             |         | 41,290                | 2,605                    | 43,895            |
| 19     | 391.25  | Computer Software                            |         | 0                     | 6,286                    | 6,286             |
| 20     | 391.26  | Personal Computer Software                   |         | 0                     | 118                      | 118               |
| 21     | 391.3   | Other Office Equipment                       |         | 0                     | 0                        | 0                 |
| 22     | 392.11  | Transportation Equipment - Light Trucks      |         | 0                     | 18                       | 18                |
| 23     | 392.12  | Transportation Equipment - Heavy Trucks      |         | 0                     | 0                        | 0                 |
| 24     | 392.2   | Transportation Equipment - Cars              |         | 0                     | 136                      | 136               |
| 25     | 392.3   | Transportation Equipment - Other             |         | 0                     | 0                        | 0                 |
| 26     | 393     | Stores Equipment                             |         | 0                     | 0                        | 0                 |
| 27     | 394     | Tools, Shop, & Garage Equipment              |         | 7,125                 | 110                      | 7,236             |
| 28     | 395     | Laboratory Equipment                         |         | 0                     | 0                        | 0                 |
| 29     | 396     | Power Operated Equipment                     |         | 0                     | 0                        | 0                 |
| 30     | 397     | Communication Equipment (non telephone)      |         | 9,953                 | 140                      | 10,092            |
| 31     | 397.2   | Telephone Equipment                          |         | 0                     | 35                       | 35                |
| 32     | 398     | Miscellaneous Equipment                      |         | 3,047                 | 11                       | 3,058             |
| 33     | 399     | Other Tangible Property                      |         | 0                     | 0                        | 0                 |
| 34     |         | Subtotal                                     |         | 61,424                | 9,696                    | 71,120            |
| 35     |         | Total Plant in Service                       |         | \$1,480,367           | \$209,608                | \$1,689,975       |
| 36     |         |  |         |                       |                          |                   |
| 37     |         |  |         |                       |                          |                   |
| 38     |         |  |         |                       |                          |                   |
| 39     |         |  |         |                       |                          |                   |
| 40     |         |  |         |                       |                          |                   |

**Accumulated Depreciation and Amortization  
For the Test Year Ended June 30, 2009**

Case No. WR-2010-XXXX  
Schedule CAS-5-WCW  
Page 1 of 2

Missouri Public Service Commission  
Company: Missouri-American Water Company  
District: Warren County Water

| Line # | Acct No | Account Description                                   | Per Books<br>06/30/09 | Pro Forma<br>Adjustments | Pro Forma<br>Reserve |
|--------|---------|---|-----------------------|--------------------------|----------------------|
| 1      |         | <u>Intangible Plant</u>                               |                       |                          |                      |
| 2      |         | Organization  | \$0                   | \$0                      | \$0                  |
| 3      | 301     | Franchise & Consents                                  | 0                     | 0                        | 0                    |
| 4      | 302     | Miscellaneous Intangible Plant Studies                | 0                     | 194                      | 194                  |
| 5      | 303     | Subtotal  | 0                     | 194                      | 194                  |
| 6      |         | <u>Source of Supply Plant</u>                         |                       |                          |                      |
| 7      |         | Land & Land Rights                                    | 0                     | 0                        | 0                    |
| 8      | 310     | Structures & Improvements                             | 85                    | 77                       | 162                  |
| 9      | 311     | Collection & Impound Reservoirs                       | 0                     | 0                        | 0                    |
| 10     | 312     | Lake, River, & Other Intakes                          | 0                     | 0                        | 0                    |
| 11     | 313     | Wells & Springs                                       | 82,794                | 9,093                    | 91,887               |
| 12     | 314     | Supply Mains  | 0                     | 0                        | 0                    |
| 13     | 316     | Subtotal  | 82,879                | 9,170                    | 92,049               |
| 14     |         | <u>Pumping Plant</u>                                  |                       |                          |                      |
| 15     |         | Pumping Land & Land Rights                            | 0                     | 0                        | 0                    |
| 16     | 320     | Pumping Structures & Improvements                     | 60                    | 54                       | 114                  |
| 17     | 321     | Boiler Plant Equipment                                | 0                     | 0                        | 0                    |
| 18     | 322     | Force Mains   | 0                     | 0                        | 0                    |
| 19     | 323     | Steam Pumping Equipment                               | 0                     | 0                        | 0                    |
| 20     | 324     | Electric Pumping Equipment                            | 10,326                | 2,283                    | 12,609               |
| 21     | 325     | Diesel Pumping Equipment                              | 0                     | 0                        | 0                    |
| 22     | 326     | Pump Equip Hydraulic                                  | 0                     | 0                        | 0                    |
| 23     | 327     | Other Pumping Equipment                               | 0                     | 0                        | 0                    |
| 24     | 328     | Subtotal  | 10,387                | 2,336                    | 12,723               |
| 25     |         | <u>Treatment Plant</u>                                |                       |                          |                      |
| 26     |         | Water Treatment Land & land Rights                    | 0                     | 0                        | 0                    |
| 27     | 330     | Water Treatment Structures & Improvements             | 2,196                 | (2,631)                  | (435)                |
| 28     | 331     | Water Treatment Equipment                             | 1,434                 | 433                      | 1,867                |
| 29     | 332     | Water Treatment Equipment - Filter Plant              | 0                     | 0                        | 0                    |
| 30     | 332.4   | Subtotal  | 3,630                 | (2,198)                  | 1,432                |
| 31     |         | <u>Transmission &amp; Distribution Plant</u>          |                       |                          |                      |
| 32     |         | Transmission & Distribution Land                      | 0                     | 0                        | 0                    |
| 33     | 340     | Transmission & Distribution Structures & Improvements | 1,075                 | 39                       | 1,114                |
| 34     | 341     | Distribution Reservoirs & Standpipes                  | (7,182)               | 114                      | (7,068)              |
| 35     | 342     | Transmission & Distribution Mains Conv                | 0                     | (6,741)                  | (6,741)              |
| 36     | 343     | Transmission & Distribution Mains < 4"                | 14,796                | 552                      | 15,348               |
| 37     | 343.1   | Transmission & Distribution Mains 6" - 8"             | 86,389                | 2,056                    | 88,445               |
| 38     | 343.2   | Transmission & Distribution Mains > 10"               | 0                     | 9                        | 9                    |
| 39     | 343.3   | Subtotal  | 95,078                | (3,971)                  | 91,107               |
| 40     |         |   |                       |                          |                      |

**Accumulated Depreciation and Amortization  
For the Test Year Ended June 30, 2009**

| Line # | Acct No | Account Description                          | Bal Fwd | Per Books<br>06/30/09 | Pro Forma<br>Adjustments | Pro Forma<br>Reserve |
|--------|---------|--|---------|-----------------------|--------------------------|----------------------|
| 1      |         | <u>Transmission &amp; Distribution Plant</u> |         |                       |                          |                      |
| 2      | 344     | Fire mains                                   |         | 95,078                | (3,971)                  | 91,107               |
| 3      | 345     | Services                                     |         | 0                     | 0                        | 0                    |
| 4      | 346.1   | Meters - Bronze Case                         |         | 3,223                 | 1,693                    | 4,916                |
| 5      | 346.2   | Meters - Plastic Case                        |         | 7,191                 | 766                      | 7,957                |
| 6      | 346.3   | Meters - Not Class By Type                   |         | 0                     | 0                        | 0                    |
| 7      | 347     | Meter Installation                           |         | 9,546                 | 241                      | 9,787                |
| 8      | 348     | Hydrants                                     |         | 4,376                 | 844                      | 5,220                |
| 9      | 349     | Other Transmission & Distribution Plant      |         | 2,781                 | (14)                     | 2,767                |
| 10     |         | Subtotal                                     |         | 122,195               | (441)                    | 121,754              |
| 11     |         | <u>General Plant</u>                         |         |                       |                          |                      |
| 12     | 389     | General Land & Land Rights                   |         | 0                     | 0                        | 0                    |
| 13     | 390     | Stores Shops Equipment Structures            |         | 0                     | 3                        | 3                    |
| 14     | 390.1   | Office Structures                            |         | 0                     | (147)                    | (147)                |
| 15     | 390     | General Structures - HVAC                    |         | 0                     | 0                        | 0                    |
| 16     | 390.3   | Miscellaneous Structures                     |         | 11                    | 0                        | 11                   |
| 17     | 391     | Office Furniture and Equipment               |         | 0                     | 71                       | 71                   |
| 18     | 391.2   | Computers & Peripheral Equipment             |         | 9,741                 | 5,031                    | 14,772               |
| 19     | 391.25  | Computer Software                            |         | 0                     | 4,953                    | 4,953                |
| 20     | 391.26  | Personal Computer Software                   |         | 0                     | 69                       | 69                   |
| 21     | 391.3   | Other Office Equipment                       |         | 0                     | (4)                      | (4)                  |
| 22     | 392.11  | Transportation Equipment - Light Trucks      |         | 0                     | 50                       | 50                   |
| 23     | 392.12  | Transportation Equipment - Heavy Trucks      |         | 0                     | 0                        | 0                    |
| 24     | 392.2   | Transportation Equipment - Cars              |         | 0                     | 115                      | 115                  |
| 25     | 392.3   | Transportation Equipment - Other             |         | 0                     | 0                        | 0                    |
| 26     | 393     | Stores Equipment                             |         | 0                     | 0                        | 0                    |
| 27     | 394     | Tools, Shop, & Garage Equipment              |         | 1,157                 | 277                      | 1,434                |
| 28     | 395     | Laboratory Equipment                         |         | 0                     | 0                        | 0                    |
| 29     | 396     | Power Operated Equipment                     |         | 0                     | 0                        | 0                    |
| 30     | 397     | Communication Equipment (non telephone)      |         | 1,418                 | 384                      | 1,802                |
| 31     | 397.2   | Telephone Equipment                          |         | 0                     | 19                       | 19                   |
| 32     | 398     | Miscellaneous Equipment                      |         | 6,789                 | 119                      | 6,908                |
| 33     | 399     | Other Tangible Property                      |         | 0                     | 0                        | 0                    |
| 34     |         | Subtotal                                     |         | 19,116                | 10,940                   | 30,056               |
| 35     |         | Total Plant in Service                       |         | \$238,206             | \$20,002                 | \$258,208            |
| 36     |         |  |         |                       |                          |                      |
| 37     |         |  |         |                       |                          |                      |

**Customer Advances and Contributions in Aid of Construction  
For the Test Year Ended June 30, 2009**

| Line # | Acct No | Account Description                              | Per Books<br>06/30/09 | Pro Forma<br>Adjustments | Pro Forma<br>Balance |
|--------|---------|--|-----------------------|--------------------------|----------------------|
|        |         | <u>Customer Advances</u>                         |                       |                          |                      |
| 4      | 252.11  | Advances for Construction - Mains                | 0                     | 23,459                   | 23,459               |
| 5      |         | Advances for Construction - Extensions           | 0                     | 0                        | 0                    |
| 6      |         | Advances for Construction - Services             | 0                     | 0                        | 0                    |
| 7      |         | Advances for Construction - Hydrants             | 0                     | 0                        | 0                    |
| 8      |         | Advances for Construction - WIP                  | 3,089                 | (3,089)                  | 0                    |
| 9      | 252.71  | Advances for Construction - Taxable Extensions   | 0                     | 0                        | 0                    |
| 10     |         | Total Customer Advances                          | <u>3,089</u>          | <u>20,370</u>            | <u>23,459</u>        |
| 11     |         |  |                       |                          |                      |
| 12     |         |  |                       |                          |                      |
| 13     |         |  |                       |                          |                      |
| 14     |         |  |                       |                          |                      |
| 15     |         |  |                       |                          |                      |
|        |         | <u>Contributions in Aid of Construction</u>      |                       |                          |                      |
| 16     | 271.11  | Contributions in Aid - NT Mains                  | (707)                 | 0                        | (707)                |
| 17     | 271.12  | Contributions in Aid - NT Extension Deposit      | 0                     | 0                        | 0                    |
| 18     | 271.21  | Contributions in Aid - NT Services               | 0                     | 246                      | 246                  |
| 19     | 271.30  | Contributions in Aid - NT Meters                 | 1,787                 | 108                      | 1,894                |
| 20     |         | Contributions in Aid - NT Hydrants               | 0                     | 0                        | 0                    |
| 21     |         | Contributions in Aid - NT Other                  | 0                     | 0                        | 0                    |
| 22     |         | Contributions in Aid - WIP                       | 105                   | 0                        | 105                  |
| 23     | 271.71  | Contributions in Aid - Taxable Mains             | 0                     | 0                        | 0                    |
| 24     | 271.12  | Contributions in Aid - Taxable Extension Deposit | 0                     | 0                        | 0                    |
| 25     | 271.27  | Contributions in Aid - Taxable Services          | 6,944                 | 0                        | 6,944                |
| 26     | 271.37  | Contributions in Aid - Taxable Meters            | 4,046                 | 0                        | 4,046                |
| 27     | 271.47  | Contributions in Aid - Taxable Hydrants          | 0                     | 0                        | 0                    |
| 28     |         | Contributions in Aid - Taxable WIP               | 4,415                 | (4,415)                  | 0                    |
| 29     |         | Contributions in Aid - Tax Services SIT          | 0                     | 0                        | 0                    |
| 30     | Various | Accumulated Amortization - CIAC                  | (83)                  | (263)                    | (346)                |
| 31     | Various | Accumulated Amortization - CIAC Taxable          | (418)                 | 0                        | (418)                |
| 32     |         | Total Contributions in Aid of Construction       | <u>16,089</u>         | <u>(4,324)</u>           | <u>11,765</u>        |
| 33     |         |  |                       |                          |                      |
| 34     |         |  |                       |                          |                      |
| 35     |         |  |                       |                          |                      |
| 36     |         |  |                       |                          |                      |
| 37     |         |  |                       |                          |                      |
| 38     |         |  |                       |                          |                      |
| 39     |         |  |                       |                          |                      |
| 40     |         |  |                       |                          |                      |

**Working Capital**  
For the Test Year Ended June 30, 2009

| Line # | Expense Category                                | Proforma Expense | Average Daily Expense | Revenue Lag | Expense (Lead)/Lag | Net (Lead)/Lag | Cash Requirement |
|--------|---|------------------|-----------------------|-------------|--------------------|----------------|------------------|
| 1      |   |                  |                       |             |                    |                |                  |
| 2      |   |                  |                       |             |                    |                |                  |
| 3      |   |                  |                       |             |                    |                |                  |
| 4      | Base Payroll                                    | 29,821           | 82                    | 42.88       | 13.60              | 29.28          | 2,392            |
| 5      | Tax Withholding                                 | 14,169           | 39                    | 42.88       | 15.50              | 27.38          | 1,063            |
| 6      | Fuel and Power                                  | 6,199            | 17                    | 42.88       | 30.20              | 12.68          | 215              |
| 7      | Chemicals                                       | 2,180            | 6                     | 42.88       | 13.66              | 29.22          | 175              |
| 8      | Purchased Water                                 | 0                | 0                     | 42.88       | 0.00               | 42.88          | 0                |
| 9      | Service Company Charges                         | 28,500           | 78                    | 42.88       | (10.98)            | 53.86          | 4,205            |
| 10     | Group Insurance                                 | 2,411            | 7                     | 42.88       | (9.38)             | 52.26          | 345              |
| 11     | OPEB's  | 308              | 1                     | 42.88       | (1.39)             | 44.27          | 37               |
| 12     | Pensions  | 9,554            | 26                    | 42.88       | (1.39)             | 44.27          | 1,159            |
| 13     | ESOP  | 0                | 0                     | 42.88       | 0.00               | 42.88          | 0                |
| 14     | Insurance Other than Group                      | 4,844            | 13                    | 42.88       | (32.94)            | 75.82          | 1,006            |
| 15     | Uncollectables                                  | 1,366            | 4                     | 42.88       | 43.04              | (0.16)         | (1)              |
| 16     | Rents   | 45               | 0                     | 42.88       | 0.00               | 42.88          | 5                |
| 17     | 401(k)  | 709              | 2                     | 42.88       | 17.50              | 25.38          | 49               |
| 18     | Other O&M                                       | 22,742           | 62                    | 42.88       | 43.30              | (0.42)         | (26)             |
| 19     | Total O&M Expenses                              | <u>122,848</u>   |                       |             |                    |                | <u>10,624</u>    |
| 20     |   |                  |                       |             |                    |                |                  |
| 21     | Depreciation Amortization Expense               | 48,067           | 132                   | 42.88       | 42.88              | 0.00           | 0                |
| 22     | Property Taxes                                  | 45,910           | 126                   | 42.88       | 159.50             | (116.62)       | (14,669)         |
| 23     | Public Service Commission Fee                   | 1,970            | 5                     | 42.88       | (45.00)            | 87.88          | 474              |
| 24     | Franchise and Environment Tax                   | 508              | 1                     | 42.88       | 29.63              | 13.25          | 18               |
| 25     | FICA Taxes                                      | 37               | 0                     | 42.88       | 10.76              | 32.12          | 3                |
| 26     | FUTA Taxes                                      | 3,010            | 8                     | 42.88       | 0.63               | 42.25          | 348              |
| 27     | SUTA Taxes                                      | 115              | 0                     | 42.88       | 2.72               | 40.16          | 13               |
| 28     | Federal Income Tax - Current                    | (17,295)         | (47)                  | 42.88       | 29.64              | 13.24          | (627)            |
| 29     | State Income Tax - Current                      | (2,718)          | (7)                   | 42.88       | 29.64              | 13.24          | (99)             |
| 30     | Deferred Income Taxes                           | 9,434            | 26                    | 42.88       | 43.04              | (0.16)         | (4)              |
| 31     | Interest Expense                                | 39,327           | 108                   | 42.88       | 91.00              | (48.12)        | (5,185)          |
| 32     | Preferred Dividends                             | 368              | 1                     | 42.88       | 45.00              | (2.12)         | (2)              |
| 33     | Total Working Capital Requirement               | <u>251,581</u>   |                       |             |                    |                | <u>(9,106)</u>   |
| 34     |   |                  |                       |             |                    |                |                  |
| 35     | Total Cash and Working Capital Requirement Used |                  |                       |             |                    |                | <u>0</u>         |
| 36     |   |                  |                       |             |                    |                |                  |
| 37     |   |                  |                       |             |                    |                |                  |
| 38     |   |                  |                       |             |                    |                |                  |
| 39     |   |                  |                       |             |                    |                |                  |
| 40     |   |                  |                       |             |                    |                |                  |

All Lead/Lags are based on internal study.



Statement of Income Per Books and Pro Forma  
 For the Test Year Ended June 30, 2009

| Line # | Schedule Reference                           | Test year Ended 6/30/09 | Adjustments | Pro Forma Present Rates | Adjustments | Pro Forma Proposed Rates |
|--------|--|-------------------------|-------------|-------------------------|-------------|--------------------------|
| 1      |  |                         |             |                         |             |                          |
| 2      |  |                         |             |                         |             |                          |
| 3      |  |                         |             |                         |             |                          |
| 4      |  |                         |             |                         |             |                          |
| 5      |  |                         |             |                         |             |                          |
| 6      |  | \$210,283               | \$25,320    | \$235,603               | \$147,679   | \$383,282                |
| 7      | CAS-9-WCW                                    |                         |             |                         |             |                          |
| 8      | Operating Revenues                           |                         |             |                         |             |                          |
| 9      | Operating Expenses                           |                         |             |                         |             |                          |
| 10     | Operating and Maintenance                    | 116,304                 | 6,544       | 122,848                 | 895         | 123,743                  |
| 11     | Depreciation Expense                         | 30,594                  | 17,347      | 47,941                  |             | 47,941                   |
| 12     | Amortization Expense                         | 126                     | 0           | 126                     |             | 126                      |
| 13     | Taxes other Than Income Taxes                |                         |             |                         |             |                          |
| 14     | Property Taxes                               | 66,400                  | (20,490)    | 45,910                  |             | 45,910                   |
| 15     | Payroll Taxes                                | 3,337                   | (175)       | 3,162                   |             | 3,162                    |
| 16     | PSC Fees                                     | 1,505                   | 465         | 1,970                   | 0           | 1,970                    |
| 17     | Other  | 483                     | 25          | 508                     |             | 508                      |
| 18     |  |                         |             |                         |             |                          |
| 19     | Utility Operating Income Before Income Taxes | (8,466)                 | 21,604      | 13,138                  | 146,784     | 159,922                  |
| 20     |  |                         |             |                         |             |                          |
| 21     | Income Taxes                                 |                         |             |                         |             |                          |
| 22     | Federal Income Tax                           | (4,496)                 | (12,799)    | (17,295)                | 48,696      | 31,401                   |
| 23     | State Income Tax                             | (636)                   | (2,082)     | (2,718)                 | 7,652       | 4,934                    |
| 24     | Deferred Income Taxes                        | 8,809                   | 625         | 9,434                   | 0           | 9,434                    |
| 25     | Amortization of Investment Tax Credit        | (11)                    |             | (11)                    |             | (11)                     |
| 26     |  |                         |             |                         |             |                          |
| 27     | Utility Operating Income                     | (\$12,132)              | \$35,860    | \$23,728                | \$90,436    | \$114,164                |
| 28     |  |                         |             |                         |             |                          |
| 29     |  |                         |             |                         |             |                          |
| 30     |  |                         |             |                         |             |                          |
| 31     |  |                         |             |                         |             |                          |
| 32     |  |                         |             |                         |             |                          |
| 33     |  |                         |             |                         |             |                          |
| 34     |  |                         |             |                         |             |                          |
| 35     |  |                         |             |                         |             |                          |
| 36     |  |                         |             |                         |             |                          |
| 37     |  |                         |             |                         |             |                          |
| 38     |  |                         |             |                         |             |                          |
| 39     |  |                         |             |                         |             |                          |
| 40     |  |                         |             |                         |             |                          |

**Adjustment to Revenues Per Books and Pro Forma  
For the Test Year Ended June 30, 2009**

**Missouri Public Service Commission  
Company: Missouri-American Water Company  
District: Warren County Water**

**Case No. WR-2010-XXXX  
Schedule CAS-9-WCW  
Page 1 of 1**

| Line # | Test year<br>Ending<br>06/30/09 | Eliminate<br>Unbilled<br>Revenue | Bill Analysis<br>And Other<br>Adjustments | Bill<br>Analysis<br>at Rates | Normalization<br>& Annual<br>Adjustments | Other<br>Adjustments | Pro Forma<br>Present Rate<br>Revenue |
|--------|---------------------------------|----------------------------------|---|------------------------------|--|----------------------|--------------------------------------|
| 5      | \$205,701                       | (\$6,996)                        | \$1                                       | \$198,706                    | \$1,375                                  | \$30,710             | \$230,791                            |
| 6      | 2,765                           | 191                              | 2   | 2,958                        | (1)                                      | \$119                | 3,076                                |
| 7      | 0                               | 0                                | 0   | 0                            | 0  | \$0                  | 0                                    |
| 8      | 0                               | 0                                | 0   | 0                            | 0  | \$0                  | 0                                    |
| 9      | 0                               | 0                                | 0   | 0                            | 0  | \$0                  | 0                                    |
| 10     | 0                               | 0                                | 0   | 0                            | 0  | \$0                  | 0                                    |
| 11     | 0                               | 0                                | 0   | 0                            | 0  | \$0                  | 0                                    |
| 12     | 0                               | 0                                | 0   | 0                            | 0  | \$0                  | 0                                    |
| 13     |                                 |                                  |   |                              |  |                      |                                      |
| 14     | 208,466                         | (6,805)                          | 3   | 201,664                      | 1,374                                    | 30,829               | 233,867                              |
| 15     |                                 |                                  |   |                              |  |                      |                                      |
| 16     |                                 |                                  |   |                              |  |                      |                                      |
| 17     | 0                               | 0                                | 0   | 0                            | 0  | 0                    | 0                                    |
| 18     |                                 |                                  |   |                              |  |                      |                                      |
| 19     |                                 |                                  |   |                              |  |                      |                                      |
| 20     | 0                               |                                  | (81)                                      | (81)                         | 0  | (0)                  | (81)                                 |
| 21     |                                 |                                  |   |                              |  |                      |                                      |
| 22     | 0                               | 0                                | (81)                                      | (81)                         | 0  | (0)                  | (81)                                 |
| 23     |                                 |                                  |   |                              |  |                      |                                      |
| 24     | 208,466                         | (6,805)                          | (78)                                      | 201,583                      | 1,374                                    | 30,829               | 233,786                              |
| 25     |                                 |                                  |   |                              |  |                      |                                      |
| 26     |                                 |                                  |   |                              |  |                      |                                      |
| 27     | 65                              |                                  |   | 65                           |  |                      | 65                                   |
| 28     | 0                               |                                  |   | 0                            |  |                      | 0                                    |
| 29     | 0                               |                                  |   | 0                            |  |                      | 0                                    |
| 30     | 1,737                           |                                  |   | 1,737                        |  |                      | 1,737                                |
| 31     | 15                              |                                  |   | 15                           |  |                      | 15                                   |
| 32     |                                 |                                  |   |                              |  |                      |                                      |
| 33     | 1,817                           | 0                                | 0   | 1,817                        | 0  | 0                    | 1,817                                |
| 34     |                                 |                                  |   |                              |  |                      |                                      |
| 35     |                                 |                                  |   |                              |  |                      |                                      |
| 36     | \$210,283                       | (\$6,805)                        | (\$78)                                    | \$203,400                    | \$1,374                                  | \$30,829             | \$235,603                            |
| 37     |                                 |                                  |   |                              |  |                      |                                      |
| 38     |                                 |                                  |   |                              |  |                      |                                      |
| 39     |                                 |                                  |   |                              |  |                      |                                      |
| 40     |                                 |                                  |   |                              |  |                      |                                      |

Summary of Operations and Maintenance Expenses and General Taxes  
 For the Test Year Ended June 30, 2009

Missouri Public Service Commission  
 Company: Missouri-American Water Company  
 District: Warren County Water

| Line # | Expense Description                 | Schedule Reference | Test Year Expense | Adjustment      | Pro forma Present Rates |
|--------|-------------------------------------|--------------------|-------------------|-----------------|-------------------------|
| 1      | Labor                               | CAS-11-WCW         | \$44,275          | (\$285)         | \$43,990                |
| 2      | Purchased Water                     | CAS-11-WCW         | 0                 | 0               | 0                       |
| 3      | Fuel and Power                      | CAS-11-WCW         | 5,966             | 233             | 6,199                   |
| 4      | Chemicals                           | CAS-11-WCW         | 2,605             | (425)           | 2,180                   |
| 5      | Waste Disposal                      | CAS-11-WCW         | 0                 | 0               | 0                       |
| 6      | Support Services                    | CAS-11-WCW         | 28,609            | (109)           | 28,500                  |
| 7      | Group Insurance                     | CAS-11-WCW         | 2,719             | 6,440           | 9,159                   |
| 8      | Pensions                            | CAS-11-WCW         | 4,917             | 4,637           | 9,554                   |
| 9      | Regulatory Expense                  | CAS-11-WCW         | 506               | 66              | 572                     |
| 10     | Insurance, Other than Group         | CAS-11-WCW         | 3,759             | 1,085           | 4,844                   |
| 11     | Customer Accounting                 | CAS-11-WCW         | 4,636             | (1,303)         | 3,333                   |
| 12     | Rents                               | CAS-11-WCW         | 45                | (0)             | 45                      |
| 13     | General Office Expense              | CAS-11-WCW         | 1,477             | 0               | 1,477                   |
| 14     | Miscellaneous                       | CAS-11-WCW         | 7,515             | (66)            | 7,449                   |
| 15     | Maintenance - Other                 | CAS-11-WCW         | 9,275             | (3,728)         | 5,547                   |
| 16     | Total Operations and Maintenance    |                    | <u>116,304</u>    | <u>6,544</u>    | <u>122,848</u>          |
| 17     | Depreciation                        | CAS-11-WCW         | 30,594            | 17,347          | 47,941                  |
| 18     | Amortization                        | CAS-11-WCW         | 126               | 0               | 126                     |
| 19     | Total Depreciation and Amortization |                    | <u>30,720</u>     | <u>17,347</u>   | <u>48,067</u>           |
| 20     | Property Taxes                      | CAS-11-WCW         | 66,400            | (20,490)        | 45,910                  |
| 21     | Payroll Taxes                       | CAS-11-WCW         | 3,337             | (175)           | 3,162                   |
| 22     | PSC Fees                            | CAS-11-WCW         | 1,505             | 465             | 1,970                   |
| 23     | Other General Taxes                 | CAS-11-WCW         | 483               | 25              | 508                     |
| 24     | Total Taxes Other Than Income Taxes |                    | <u>71,725</u>     | <u>(20,175)</u> | <u>51,550</u>           |
| 25     |                                     |                    |                   |                 | (4,496)                 |
| 26     |                                     |                    |                   |                 | (636)                   |
| 27     |                                     |                    |                   |                 | 8,809                   |
| 28     |                                     |                    |                   |                 | (11)                    |
| 29     |                                     |                    |                   |                 | 3,666                   |









**Proforma State and Federal Income Taxes at Present and Proposed Rates  
For the Test Year Ended June 30, 2009**

Line #

The Company's federal and state income taxes will be affected by all of the pro forma adjustments made at present and proposed rates.

|   | At Present Rates  |                  | At Proposed Rates |                 |
|---|-------------------|------------------|-------------------|-----------------|
|   | Federal           | State            | Federal           | State           |
| Utility Operating Income Before Income Taxes    | \$13,138          | \$13,138         | \$159,922         | \$159,922       |
| Interest Expense Deduction                      | 40,745            | 40,745           | 40,745            | 40,745          |
| Taxable Income                                  | (27,607)          | (27,607)         | 119,177           | 119,177         |
| Addback (Deducts):                              |                   |                  |                   |                 |
| Tax over Book Depreciation                      | (24,586)          | (24,586)         | (24,586)          | (24,586)        |
| Non-deductible Meals                            | 58                | 58               | 58                | 58              |
| Amortization Preferred Stock Expense            | 1                 | 1                | 1                 | 1               |
| Non-deductible Reserve Deficiency               | 0                 | 0                | 0                 | 0               |
| Total Addbacks (Deducts)                        | <u>(24,526)</u>   | <u>(24,526)</u>  | <u>(24,526)</u>   | <u>(24,526)</u> |
| Taxable Income                                  | (52,133)          | (52,133)         | 94,651            | 94,651          |
| Effective Tax Rate (1)                          | 33.1754%          | 5.2133%          | 33.1754%          | 5.2133%         |
| Proforma Income Tax at Present / Proposed Rates | (17,295)          | (2,718)          | 31,401            | 4,934           |
| Per Books Amount / Present Rates                | <u>(4,496)</u>    | <u>(636)</u>     | <u>(17,295)</u>   | <u>(2,718)</u>  |
| Proforma adjustment                             | <u>(\$12,799)</u> | <u>(\$2,082)</u> | <u>\$48,696</u>   | <u>\$7,652</u>  |

(1) Based on a 6.25% statutory rate for SIT and 35% for FIT



**Test Year Operating Revenues at Present Rates vs Proposed Rates  
For the Test Year Ended June 30, 2009**

Missouri Public Service Commission  
 Company: Missouri-American Water Company  
 District: Warren County Water

Case No. WR-2010-XXXX  
 Schedule CAS-13-WCW  
 Page 1 of 1

| Line # | Class/<br>Description          | Present Pro Forma Rates |                  | Proposed Pro Forma Rates |                  |                  | Percentage<br>Change |
|--------|--------------------------------|-------------------------|------------------|--------------------------|------------------|------------------|----------------------|
|        |                                | Sales<br>('000 Gal)     | Total<br>Revenue | Sales<br>('000 Gal)      | Total<br>Revenue | Dollar<br>Change |                      |
| 1      | <b>Monthly Billing:</b>        |                         |                  |                          |                  |                  |                      |
| 2      |                                |                         |                  |                          |                  |                  |                      |
| 3      |                                |                         |                  |                          |                  |                  |                      |
| 4      | Residential                    | 27,510                  | \$230,791        | 27,510                   | \$291,089        | \$60,298         | 26.13%               |
| 5      | Commercial                     | 503                     | 3,077            | 503                      | 4,221            | 1,144            | 37.18%               |
| 6      | Industrial                     | 0                       | 0                | 0                        | 0                | 0                | 0.00%                |
| 7      | Other Public Authority         | 0                       | 0                | 0                        | 0                | 0                | 0.00%                |
| 8      | Other Water Utilities          | 0                       | 0                | 0                        | 0                | 0                | 0.00%                |
| 9      | Miscellaneous                  | 0                       | 0                | 0                        | 0                | 0                | 0.00%                |
| 10     | Private Fire                   | 0                       | (81)             | 0                        | (81)             | 0                | 0.00%                |
| 11     | Public Fire                    | 0                       | 0                | 0                        | 0                | 0                | 0.00%                |
| 12     | Total                          | <u>28,013</u>           | <u>233,787</u>   | <u>28,013</u>            | <u>295,229</u>   | <u>\$61,442</u>  | <u>26.28%</u>        |
| 13     |                                |                         |                  |                          |                  |                  |                      |
| 14     |                                |                         |                  |                          |                  |                  |                      |
| 15     | <b>Miscellaneous Revenues:</b> |                         |                  |                          |                  |                  |                      |
| 16     |                                |                         |                  |                          |                  |                  |                      |
| 17     | Reconnect Charges              |                         | 65               |                          | 140              | 75               | 115.38%              |
| 18     | Returned Check Charge          |                         | 0                |                          | 0                | 0                | 0.00%                |
| 19     | Application Fee                |                         | 0                |                          | 0                | 0                | 0.00%                |
| 20     | Miscellaneous Other Revenue    |                         | 1,737            |                          | 1,737            | 0                | 0.00%                |
| 21     | Rents from Water Property      |                         | 15               |                          | 15               | 0                | 0.00%                |
| 22     | Misc Sales                     |                         | 0                |                          | 0                | 0                | 0.00%                |
| 23     |                                |                         |                  |                          |                  |                  |                      |
| 24     |                                |                         | <u>\$235,604</u> |                          | <u>\$297,121</u> | <u>61,517</u>    | <u>26.11%</u>        |
| 25     |                                |                         |                  |                          |                  |                  |                      |
| 26     |                                |                         |                  |                          |                  |                  |                      |
| 27     |                                |                         |                  |                          |                  |                  |                      |
| 28     |                                |                         |                  |                          |                  |                  |                      |
| 29     |                                |                         |                  |                          |                  |                  |                      |
| 30     |                                |                         |                  |                          |                  |                  |                      |
| 31     |                                |                         |                  |                          |                  |                  |                      |
| 32     |                                |                         |                  |                          |                  |                  |                      |
| 33     |                                |                         |                  |                          |                  |                  |                      |
| 34     |                                |                         |                  |                          |                  |                  |                      |
| 35     |                                |                         |                  |                          |                  |                  |                      |
| 36     |                                |                         |                  |                          |                  |                  |                      |
| 37     |                                |                         |                  |                          |                  |                  |                      |
| 38     |                                |                         |                  |                          |                  |                  |                      |
| 39     |                                |                         |                  |                          |                  |                  |                      |
| 40     |                                |                         |                  |                          |                  |                  |                      |













